(1) GENERAL INFORMATION:

(i) APPLICANT:

(A) NAME: RHONE-POULENC RORER SA

(B) STREET: 20, avenue Raymond Aron

(C) TOWN: ANTONY

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 92165

(H) TELEFAX: 33155717291

(ii) TITLE OF INVENTION: Novel system for regulating the expression of a transgene

(iii) NUMBER OF SEQUENCES: 1

(iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 2502 base pairs

(B) TYPE: nucleotide

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

(iv) ANTISENSE: NO

(ix) FEATURE:

(A) NAME/KEY:- tTA (A)

(B) LOCATION: 1..1040

(ix) FEATURE:

(A) NAME/KEY: - UMS (B)

(B) LOCATION: 1041..2069

(ix) FEATURE:

(A) NAME/KEY: - 7 OP (C)

(B) LOCATION: 2069..2362

(ix) FEATURE:

(A) NAME/KEY: - 1 OP

(B) LOCATION: 2070..2110

(ix) FEATURE:

(A) NAME/KEY: - minimal CMV promoter

(D)

(B) LOCATION: 2363..2502

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTCGAGGAGC TCGAATTCAT ATGTCTAGAT TAGATAAAAG TAAAGTGATT AACAGCGCAT 60

TAGAGCTGCT TAATGAGGTC GGAATCGAAG GTTTAACAAC CCGTAAACTC GCCCAGAAGC 120

TAGGTGTAGA GCAGCCTACA TTGTATTGGC ATGTAAAAAA TAAGCGGGCT TTGCTCGACG 180

CCTTAGCCAT TGAGATGTTA GATAGGCACC ATACTCACTT TTGCCCTTTA GAAGGGGAAA 240

GCTGGCAAGA TTTTTTACGT AATAACGCTA AAAGTTTTAG ATGTGCTTTA CTAAGTCATC 300

GCGATGGAGC AAAAGTACAT TTAGGTACAC GGCCTACAGA AAAACAGTAT GAAACTCTCG 360

AAAATCAATT AGCCTTTTTA TGCCAACAAG GTTTTTCACT AGAGAATGCA TTATATGCAC 420

TCAGCGCTGT GGGGCATTTT ACTTTAGGTT GCGTATTGGA AGATCAAGAG CATCAAGTCG 480

CTAAAGAAGA AAGGGAAACA CCTACTACTG ATAGTATGCC GCCATTATTA CGACAAGCTA 540

TCGAATTATT TGATCACCAA GGTGCAGAGC CAGCCTTCTT ATTCGGCCTT GAATTGATCA 600

TATGCGGATT AGAAAAACAA CTTAAATGTG AAAGTGGGTC CGCGTACAGC CGCGCGCGTA 660

CGAAAAACAA TTACGGGTCT ACCATCGAGG GCCTGCTCGA TCTCCCGGAC GACGACGCCC 720

CCGAAGAGGC GGGGCTGGCG GCTCCGCGCC TGTCCTTTCT CCCCGCGGGA CACACGCGCA 780

GACTGTCGAC GGCCCCCCCG ACCGATGTCA GCCTGGGGGA CGAGCTCCAC TTAGACGGCG 840

AGGACGTGGC GATGGCGCAT GCCGACGCGC TAGACGATTT CGATCTGGAC ATGTTGGGGG 900

ACGGGGATTC CCCGGGTCCG GGATTTACCC CCCACGACTC CGCCCCCTAC GGCGCTCTGG 960

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GTGGGTAGGG GGCGCGAGGA TCTCAGATTT GTGCATACAC AGTGACTCAT ACTTTCACCA 1080

ATACTTTGCA TTTTGGATAA ATACTAGACA ACTTTAGAAG TGAATTATTT ATGAGGTTGT 1140

CTTAAAATTA AAAATTACAA AGTAATAAAT CACATTGTAA TGTATTTTGT GTGATACCCA 1200

GAGGTTTAAG GCAACCTATT ACTCTTATGC TCCTGAAGTC CACAATTCAC AGTCCTGAAC 1260

TATAATCTTA TCTTTGTGAT TGCTGAGCAA ATTTGCAGTA TAATTTCAGT GCTTTTAAAT 1320

TTTGTCCTGC TTACTATTTT CCTTTTTTAT TTGGGTTTGA TATGCGTGCA CAGAATGGGG 1380

CTTCTATTAA AATATTCCAT GGCTTACATT TTTAATGTTT TGTTCTCTTA ATATGTTCAA 1440

AGCTACTCAA CTTTTATTCC CGAAAAATGT TTACTTTAAT TATTCTAATT TCTTACATAA 1500

AGCATTGAGG TGCTAACAAT TATATACTAT GTACAAGATG GCAGACTAAA TCATATCATA 1560

CCATCAAGTA GAAACCTGGA GTTTGGTGAA CTTTGAGTTG TTTATATGTC TCTCCTTTAT 1620

TGTCTTCTCA AAACCTGTGA TTCTGAAGTC AAAGGGACAC AGCTGTCACA TGAAAAGTGA 1680

TCACTTATCA CCTGTATGCG TAAAACACCT TACCAAGCAG CTAAGAGGAG TAACTCCTAG 1740

CCACTTTGAG AAACGTTTTT GAATAAACAG AGCAAGGCTC TTCCCCATTC TCCCAGAGAT 1800

ATAGCATAAA ACTGAGCGCA TTTTTATAAA ACAAAAAAGG AGGAATGTGT GGTTTGATGG 1860

CCAGACCCTG AATTTGAGTT CAGCATCTGC TTTTCCATAT TATAGATGGG TACCAGTGAT 1920

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CAGCCGTGGT CATCACAATC ACCTTTGTTC CTTTCTTCCT TCCTCCAACT CTGCATTAAA 2040

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AGTGAAAGTC GAGTTTACCA CTCCCTATCA GTGATAGAGA AAAGTGAAAG TCGAGTTTAC 2160

CACTCCCTAT CAGTGATAGA GAAAAGTGAA AGTCGAGTTT ACCACTCCCT ATCAGTGATA 2220

GAGAAAAGTG AAAGTCGAGT TTACCACTCC CTATCAGTGA TAGAGAAAAG TGAAAGTCGA 2280

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GTGATAGAGA AAAGTGAAAG TCGAGCTCGG TACCCGGGTC GAGTAGGCGT GTACGGTGGG 2400

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GCTGTTTTGA CCTCCATAGA AGACACCGGG ACCGATCCAG CC 2502